



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

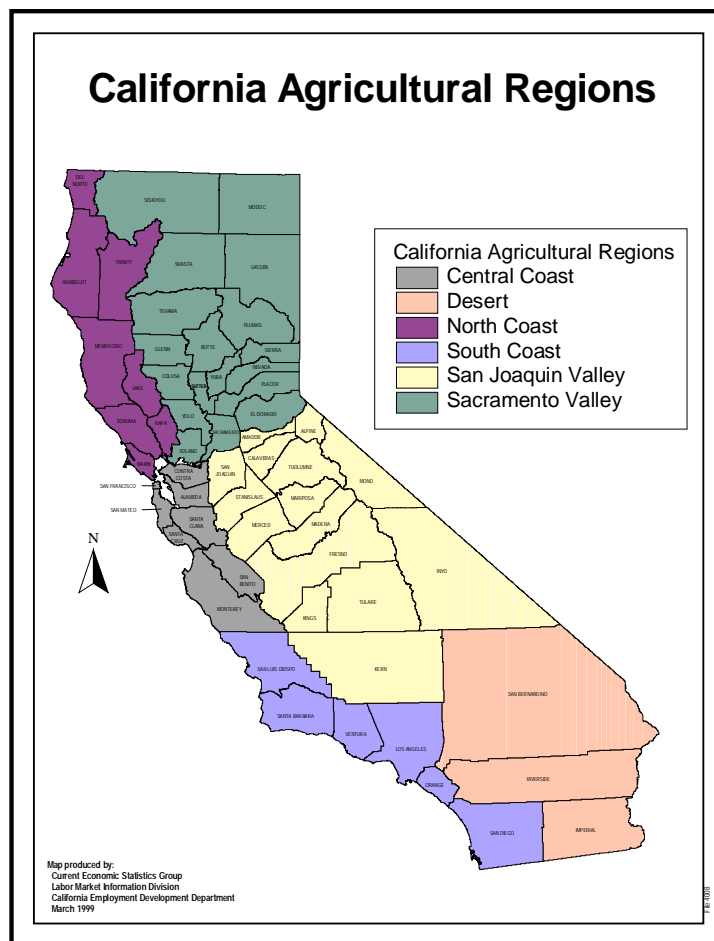
February 2001
(Internet Version)

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Agricultural Overview

This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Summary

Employment

California's total agricultural employment for February 2001 decreased by 3,800 jobs from the previous month, a loss of one percent. Total Agricultural Production decreased 5,700 from January 2001 to February 2001, a loss of three percent. Agricultural Services increased by 1,900 jobs, a gain of one percent. An increase in Agricultural Services is normal from January to February while employment in Agricultural Production varies from year to year. The change in California agricultural employment from January 2000 to February 2000 was an increase of 9,700 jobs.

Farm Labor Contractors registered the largest increase for February with a gain of 7,500 jobs. Berry crops showed a significant gain with an increase of 3,300. The most significant decreases for the month were registered in Tree Nut crops with a loss of 3,500, and Market Preparation Services with a decline of 3,100 jobs. Total agricultural employment increased in the Central Coast and South Coast Regions while decreases were registered in the Desert, North Coast, San Joaquin Valley, and Sacramento Valley Regions.

Production and Crop Activity

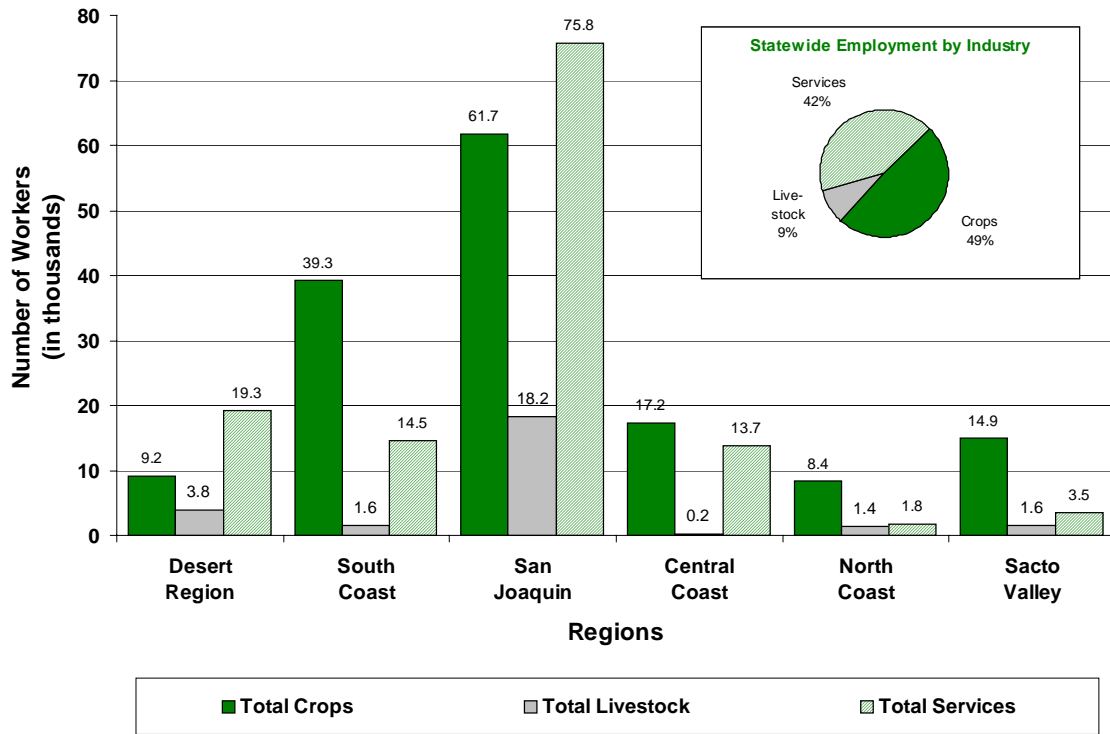
Rainfall disrupted major field activities involving the use of heavy farm equipment. However, small grain and winter forage growers were able to apply fertilizers and herbicides aerially. Sugarbeet planting continued throughout the month. Cotton growers bedded up fields and applied herbicides as weather permitted. Southern San Joaquin Valley bareroot roses were harvested. Sweet potato field fumigation continued and seeding of sweet potato hotbeds began. Garlic and onions were planted while daikon harvesting tapered off due to over supply. Some daikon fields were disced under. Strawberry growers weeded fields and covered rows with plastic. Strawberry nursery plant digging was active, also. Beds were prepared for spring melon planting and, in some areas, corn and tomato fields were prepared for planting. The production of hothouse grown tomato seedlings increased. The harvest of radicchio and planting of new fields continued in Merced County. Carrots continued to be harvested and planted on a year-round basis. Among the vegetables harvested during the month were asparagus, artichokes, bok choy, broccoli, beets, cabbage, cauliflower, dill, greens, lettuce, kale, leeks, mint, mushrooms, green onions, parsley, radishes, and turnips.

Normal winter cultural activities and other orchard work were slowed by wet conditions during in February. Between rains, California fruit growers pruned and planted trees and vines. Other activities included dormant spraying of stone fruit trees. Grapefruit and lemon picking was active in southern California. In the San Joaquin Valley, navel oranges were picked during the drier periods. Satsuma tangerine picking was active all month.

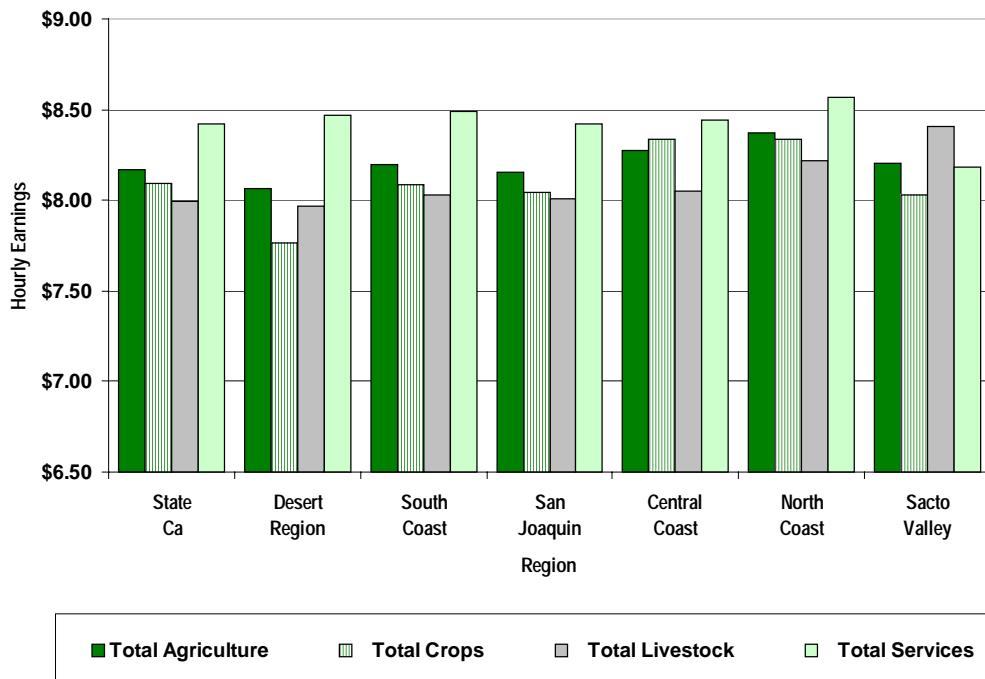
The supplemental feeding of cattle declined significantly and was generally confined to the south-central areas. Bee colonies were placed in almond orchards.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	306.1	309.9	322.0
Total Agricultural Production/Crops	150.7	153.5	162.5
Cash Grains	1.6	2.2	1.9
Rice	1.2	1.8	1.0
Other Cash Grains	0.4	0.4	0.9
Field Crops Except Grains	9.1	8.6	8.2
Cotton	2.6	2.1	4.3
Other Field Crops	6.5	6.5	3.9
Vegetables and Melons	22.3	21.6	22.7
Total Fruits and Tree Nuts	63.1	67.5	73.5
Berries	10.8	7.5	14.2
Grapes	28.7	30.6	34.7
Tree Nuts	5.1	8.6	7.1
Citrus Fruits	2.1	1.7	3.9
Deciduous Tree Fruit	5.7	7.0	7.3
Other Fruits & Nuts	10.7	12.1	6.3
Total Horticultural Specialties	34.7	36.4	36.1
Ornamental Floral & Nursery	32.9	34.9	32.4
Food Crops Grown Under Cover	1.8	1.5	3.7
General Farm Primarily Crop	19.9	17.2	20.1
Agricultural Production/Livestock	26.8	29.7	28.8
Beef Cattle Feed Lots	1.4	2.3	0.9
Beef Cattle Except Feed Lots	3.0	2.0	3.5
Dairy Farms	12.9	11.9	15.9
Chicken Eggs	2.4	3.7	2.6
Turkey & Turkey Eggs	2.1	2.2	0.9
Other Livestock	5.0	7.6	5.0
Total Agricultural Services	128.6	126.7	130.7
Soil Preparation Services	0.3	0.3	1.1
Crop Services	33.0	38.8	36.1
Plant Cultivate & Protection	6.4	5.8	5.3
Harvest Primarily by Machine	2.4	5.0	3.5
Preparation Services for Market	23.2	26.3	26.4
Cotton Ginning	1.0	1.7	0.9
Total Farm Labor & Management	95.3	87.6	93.5
Farm Labor Contractors	88.5	81.0	84.0
Farm Management Services	6.8	6.6	9.5

Average Hourly Earnings
(In dollars per hour)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	8.17	8.18	8.06
Total Agricultural Production/Crops	8.09	8.11	8.00
Cash Grains	8.13	8.24	8.48
Rice	8.45	8.39	8.49
Other Cash Grains	7.82	8.08	8.47
Field Crops Except Grains	8.16	8.11	8.03
Cotton	8.17	8.15	7.85
Other Field Crops	8.16	8.07	8.20
Vegetables and Melons	7.97	8.13	7.84
Total Fruits and Tree Nuts	7.82	7.90	7.68
Berries	7.46	7.44	7.26
Grapes	7.79	7.99	7.64
Tree Nuts	7.70	7.94	7.77
Citrus Fruits	8.01	8.04	8.05
Deciduous Tree Fruit	7.75	7.74	7.50
Other Fruits & Nuts	8.18	8.26	7.86
Total Horticultural Specialties	8.31	8.29	8.24
Ornamental Floral & Nursery	8.30	8.31	8.34
Food Crops Grown Under Cover	8.33	8.27	8.13
General Farm Primarily Crop	8.16	8.02	7.75
Agricultural Production/Livestock	8.00	8.08	7.79
Beef Cattle Feed Lots	7.97	8.19	8.07
Beef Cattle Except Feed Lots	8.31	8.24	7.91
Dairy Farms	8.51	8.74	7.97
Chicken Eggs	7.44	7.48	7.10
Turkey & Turkey Eggs	7.52	7.62	7.45
Other Livestock	8.23	8.23	8.22
Total Agricultural Services	8.42	8.34	8.38
Soil Preparation Services	8.33	8.18	8.73
Crop Services	8.67	8.73	8.45
Plant Cultivate & Protection	8.63	8.68	8.34
Harvest Primarily by Machine	8.89	8.88	8.42
Preparation Services for Market	8.10	8.05	7.73
Cotton Ginning	9.06	9.33	9.31
Total Farm Labor & Management	8.25	8.12	7.96
Farm Labor Contractors	8.08	7.91	7.51
Farm Management Services	8.43	8.33	8.41

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	31.1	27.8	36.9
Total Agricultural Production/Crops	17.2	16.2	22.0
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.3	0.0	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	0.3	0.0	0.2
Vegetables and Melons	6.2	5.8	7.0
Total Fruits and Tree Nuts	1.4	2.3	4.0
Berries	0.7	0.2	2.4
Grapes	0.1	0.1	1.0
Tree Nuts	0.0	0.5	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.2	0.2	0.3
Other Fruits & Nuts	0.4	1.3	0.1
Total Horticultural Specialties	8.3	7.5	9.8
Ornamental Floral & Nursery	6.8	6.3	7.6
Food Crops Grown Under Cover	1.5	1.2	2.2
General Farm Primarily Crop	1.0	0.6	1.0
Agricultural Production/Livestock	0.2	0.2	1.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.3
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.2	0.2	0.4
Total Agricultural Services	13.7	11.4	13.9
Soil Preparation Services	0.1	0.0	0.2
Crop Services	5.2	1.8	5.5
Plant Cultivate & Protection	0.0	0.0	0.7
Harvest Primarily by Machine	0.9	0.9	0.9
Preparation Services for Market	4.3	0.9	3.9
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	8.4	9.6	8.2
Farm Labor Contractors	6.2	7.7	6.9
Farm Management Services	2.2	1.9	1.3

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	8.28	8.25	8.01
Total Agricultural Production/Crops	8.34	8.29	8.08
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.13	na	8.38
Cotton	na	na	na
Other Field Crops	8.13	na	8.38
Vegetables and Melons	8.37	8.27	8.18
Total Fruits and Tree Nuts	8.23	8.27	7.85
Berries	7.99	8.06	7.35
Grapes	8.06	8.57	8.05
Tree Nuts	na	8.46	8.00
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.25	7.95	7.81
Other Fruits & Nuts	8.63	8.33	8.05
Total Horticultural Specialties	8.48	8.59	8.41
Ornamental Floral & Nursery	8.67	8.72	8.58
Food Crops Grown Under Cover	8.28	8.46	8.24
General Farm Primarily Crop	8.49	8.03	7.57
Agricultural Production/Livestock	8.05	7.95	7.74
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	7.71
Dairy Farms	na	na	8.08
Chicken Eggs	na	na	6.95
Turkey & Turkey Eggs	na	na	7.34
Other Livestock	8.05	7.95	8.62
Total Agricultural Services	8.44	8.51	8.21
Soil Preparation Services	8.18	na	8.19
Crop Services	8.77	8.75	8.20
Plant Cultivate & Protection	na	na	8.27
Harvest Primarily by Machine	9.19	9.15	8.32
Preparation Services for Market	8.34	8.34	8.01
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.37	8.27	8.23
Farm Labor Contractors	8.04	8.05	7.80
Farm Management Services	8.70	8.48	8.65

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	32.3	35.2	33.8
Total Agricultural Production/Crops	9.2	10.7	13.2
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	0.9	0.8	1.3
Cotton	0.0	0.0	0.0
Other Field Crops	0.9	0.8	1.3
Vegetables and Melons	4.3	3.0	4.8
Total Fruits and Tree Nuts	1.0	0.8	3.2
Berries	0.1	0.0	0.1
Grapes	0.4	0.4	1.2
Tree Nuts	0.0	0.0	0.2
Citrus Fruits	0.2	0.2	0.8
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	0.3	0.2	0.8
Total Horticultural Specialties	1.8	1.3	1.5
Ornamental Floral & Nursery	1.8	1.3	1.4
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	1.2	4.8	2.3
Agricultural Production/Livestock	3.8	6.1	5.7
Beef Cattle Feed Lots	0.3	0.9	0.3
Beef Cattle Except Feed Lots	0.3	0.3	0.6
Dairy Farms	1.3	1.9	2.8
Chicken Eggs	1.1	1.2	1.4
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.8	1.8	0.6
Total Agricultural Services	19.3	18.4	14.9
Soil Preparation Services	0.0	0.1	0.2
Crop Services	4.0	6.0	3.7
Plant Cultivate & Protection	0.2	0.2	0.4
Harvest Primarily by Machine	0.4	2.5	0.5
Preparation Services for Market	2.9	2.3	2.5
Cotton Ginning	0.5	1.0	0.3
Total Farm Labor & Management	15.3	12.3	11.0
Farm Labor Contractors	15.0	12.3	10.0
Farm Management Services	0.3	0.0	1.0

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	8.07	8.06	7.96
Total Agricultural Production/Crops	7.76	7.84	7.94
Cash Grains	na	na	8.78
Rice	na	na	na
Other Cash Grains	na	na	8.78
Field Crops Except Grains	7.76	7.76	7.84
Cotton	na	na	na
Other Field Crops	7.76	7.76	7.84
Vegetables and Melons	7.41	7.90	7.44
Total Fruits and Tree Nuts	7.79	8.02	7.59
Berries	7.65	na	7.29
Grapes	7.45	7.31	7.43
Tree Nuts	na	na	7.25
Citrus Fruits	7.95	8.27	8.01
Deciduous Tree Fruit	na	na	7.92
Other Fruits & Nuts	8.10	8.48	7.64
Total Horticultural Specialties	8.11	7.62	8.19
Ornamental Floral & Nursery	8.11	7.62	8.17
Food Crops Grown Under Cover	na	na	8.20
General Farm Primarily Crop	7.74	7.91	7.80
Agricultural Production/Livestock	7.97	8.04	7.60
Beef Cattle Feed Lots	8.00	8.36	7.61
Beef Cattle Except Feed Lots	7.90	8.13	7.51
Dairy Farms	8.60	8.64	8.09
Chicken Eggs	7.27	7.08	6.96
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.06	7.97	7.85
Total Agricultural Services	8.47	8.31	8.35
Soil Preparation Services	na	8.06	8.79
Crop Services	8.66	8.72	8.27
Plant Cultivate & Protection	8.35	8.39	8.40
Harvest Primarily by Machine	9.30	9.22	8.57
Preparation Services for Market	7.93	7.93	7.30
Cotton Ginning	9.04	9.35	8.82
Total Farm Labor & Management	8.29	8.15	7.98
Farm Labor Contractors	8.52	8.15	7.60
Farm Management Services	8.06	na	8.35

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	11.6	11.9	13.4
Total Agricultural Production/Crops	8.4	8.1	9.5
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.0
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.0
Vegetables and Melons	0.2	0.2	0.2
Total Fruits and Tree Nuts	6.4	6.4	7.3
Berries	0.0	0.0	0.0
Grapes	4.8	4.9	6.4
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	1.0	0.9	0.7
Other Fruits & Nuts	0.6	0.6	0.1
Total Horticultural Specialties	0.9	0.9	1.8
Ornamental Floral & Nursery	0.9	0.9	1.6
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	0.9	0.6	0.2
Agricultural Production/Livestock	1.4	1.8	1.7
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.0	0.1	0.2
Dairy Farms	0.5	0.4	0.9
Chicken Eggs	0.1	0.1	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.8	1.2	0.3
Total Agricultural Services	1.8	2.0	2.2
Soil Preparation Services	0.0	0.0	0.0
Crop Services	0.0	0.0	0.1
Plant Cultivate & Protection	0.0	0.0	0.1
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.0
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	1.8	2.0	2.1
Farm Labor Contractors	0.3	0.1	0.4
Farm Management Services	1.5	1.9	1.7

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	8.37	8.44	8.15
Total Agricultural Production/Crops	8.34	8.41	8.20
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	na
Cotton	na	na	na
Other Field Crops	na	na	na
Vegetables and Melons	8.28	8.36	8.43
Total Fruits and Tree Nuts	8.30	8.51	8.05
Berries	na	na	na
Grapes	8.20	8.71	8.91
Tree Nuts	na	na	7.62
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.16	8.25	7.49
Other Fruits & Nuts	8.54	8.58	8.18
Total Horticultural Specialties	8.65	8.71	8.48
Ornamental Floral & Nursery	8.65	8.71	8.75
Food Crops Grown Under Cover	na	na	8.20
General Farm Primarily Crop	8.13	8.05	7.84
Agricultural Production/Livestock	8.22	8.41	7.83
Beef Cattle Feed Lots	na	na	8.94
Beef Cattle Except Feed Lots	na	8.07	8.38
Dairy Farms	8.27	8.58	7.17
Chicken Eggs	7.87	8.33	7.01
Turkey & Turkey Eggs	na	na	7.34
Other Livestock	8.51	8.66	8.16
Total Agricultural Services	8.57	8.52	8.42
Soil Preparation Services	na	na	na
Crop Services	na	na	8.28
Plant Cultivate & Protection	na	na	8.28
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	na
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.57	8.52	8.56
Farm Labor Contractors	8.29	8.19	7.78
Farm Management Services	8.84	8.84	9.33

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	55.4	49.6	57.8
Total Agricultural Production/Crops	39.3	36.2	43.6
Cash Grains	0.0	0.1	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.1	0.1
Field Crops Except Grains	1.9	2.2	0.1
Cotton	0.0	0.0	0.0
Other Field Crops	1.9	2.2	0.1
Vegetables and Melons	4.5	5.9	7.1
Total Fruits and Tree Nuts	15.5	12.4	16.8
Berries	9.8	7.2	11.5
Grapes	1.7	1.2	2.1
Tree Nuts	0.1	0.1	0.1
Citrus Fruits	0.7	0.6	1.4
Deciduous Tree Fruit	0.1	0.3	0.1
Other Fruits & Nuts	3.1	3.0	1.6
Total Horticultural Specialties	13.0	13.5	16.5
Ornamental Floral & Nursery	12.7	13.2	15.7
Food Crops Grown Under Cover	0.3	0.3	0.8
General Farm Primarily Crop	4.4	2.1	3.0
Agricultural Production/Livestock	1.6	2.0	2.1
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.3	0.3	0.4
Dairy Farms	0.0	0.0	0.2
Chicken Eggs	0.7	0.6	0.4
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.6	1.1	1.1
Total Agricultural Services	14.5	11.4	12.1
Soil Preparation Services	0.0	0.0	0.1
Crop Services	0.8	2.1	2.4
Plant Cultivate & Protection	0.8	0.8	0.4
Harvest Primarily by Machine	0.0	0.3	0.3
Preparation Services for Market	0.0	1.0	1.7
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	13.7	9.3	9.6
Farm Labor Contractors	12.4	8.5	8.4
Farm Management Services	1.3	0.8	1.2

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	8.20	8.24	8.17
Total Agricultural Production/Crops	8.08	8.24	8.04
Cash Grains	na	8.42	na
Rice	na	na	na
Other Cash Grains	na	8.42	7.89
Field Crops Except Grains	8.22	8.38	8.44
Cotton	na	na	na
Other Field Crops	8.22	8.38	8.44
Vegetables and Melons	7.88	8.19	7.86
Total Fruits and Tree Nuts	7.77	7.87	7.51
Berries	7.13	7.14	6.77
Grapes	7.73	8.02	7.50
Tree Nuts	7.26	7.73	7.47
Citrus Fruits	8.48	8.46	8.06
Deciduous Tree Fruit	7.52	7.25	7.34
Other Fruits & Nuts	8.50	8.64	7.91
Total Horticultural Specialties	8.23	8.22	8.39
Ornamental Floral & Nursery	8.07	8.36	8.57
Food Crops Grown Under Cover	8.38	8.08	8.20
General Farm Primarily Crop	8.32	8.35	8.01
Agricultural Production/Livestock	8.03	8.13	8.22
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.68	8.62	8.37
Dairy Farms	na	na	8.22
Chicken Eggs	7.34	7.42	7.42
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.06	8.34	8.88
Total Agricultural Services	8.49	8.35	8.23
Soil Preparation Services	na	na	8.73
Crop Services	8.81	8.69	8.19
Plant Cultivate & Protection	8.81	8.91	8.51
Harvest Primarily by Machine	na	9.15	8.50
Preparation Services for Market	na	8.01	7.55
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.17	8.02	7.78
Farm Labor Contractors	8.01	7.94	7.62
Farm Management Services	8.32	8.09	7.94

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	155.7	162.4	157.3
Total Agricultural Production/Crops	61.7	66.1	59.6
Cash Grains	0.3	0.6	0.5
Rice	0.0	0.4	0.1
Other Cash Grains	0.3	0.2	0.4
Field Crops Except Grains	5.8	5.3	5.9
Cotton	2.6	2.1	4.3
Other Field Crops	3.2	3.2	1.6
Vegetables and Melons	3.2	2.9	2.8
Total Fruits and Tree Nuts	34.0	39.5	34.5
Berries	0.2	0.1	0.1
Grapes	21.2	23.6	22.3
Tree Nuts	3.2	6.4	4.4
Citrus Fruits	1.2	0.9	1.7
Deciduous Tree Fruit	2.7	2.5	3.2
Other Fruits & Nuts	5.5	6.0	2.8
Total Horticultural Specialties	8.0	10.1	4.4
Ornamental Floral & Nursery	8.0	10.1	4.2
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	10.4	7.7	11.5
Agricultural Production/Livestock	18.2	18.1	16.3
Beef Cattle Feed Lots	1.1	1.4	0.4
Beef Cattle Except Feed Lots	1.7	0.7	1.4
Dairy Farms	10.7	9.2	11.2
Chicken Eggs	0.5	1.8	0.6
Turkey & Turkey Eggs	2.1	2.2	0.7
Other Livestock	2.1	2.8	2.0
Total Agricultural Services	75.8	78.2	81.4
Soil Preparation Services	0.2	0.2	0.5
Crop Services	22.0	26.2	22.1
Plant Cultivate & Protection	4.9	4.2	3.3
Harvest Primarily by Machine	0.9	1.0	1.6
Preparation Services for Market	15.7	20.3	16.6
Cotton Ginning	0.5	0.7	0.6
Total Farm Labor & Management	53.6	51.8	58.8
Farm Labor Contractors	52.1	50.2	54.9
Farm Management Services	1.5	1.6	3.9

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	8.16	8.13	7.96
Total Agricultural Production/Crops	8.05	8.05	7.86
Cash Grains	8.04	8.16	8.52
Rice	8.52	8.52	8.45
Other Cash Grains	7.55	7.80	8.59
Field Crops Except Grains	8.31	8.24	8.02
Cotton	8.17	8.15	7.85
Other Field Crops	8.45	8.33	8.19
Vegetables and Melons	8.02	8.01	7.72
Total Fruits and Tree Nuts	7.50	7.50	7.61
Berries	7.07	7.13	7.39
Grapes	7.56	7.41	6.85
Tree Nuts	8.07	7.83	8.41
Citrus Fruits	7.60	7.39	8.08
Deciduous Tree Fruit	7.13	7.48	7.12
Other Fruits & Nuts	7.54	7.78	7.78
Total Horticultural Specialties	8.05	8.14	7.95
Ornamental Floral & Nursery	8.05	8.14	7.69
Food Crops Grown Under Cover	na	na	8.20
General Farm Primarily Crop	8.37	8.26	7.33
Agricultural Production/Livestock	8.01	8.11	7.71
Beef Cattle Feed Lots	7.94	8.02	7.87
Beef Cattle Except Feed Lots	8.18	8.30	7.56
Dairy Farms	8.51	9.02	8.17
Chicken Eggs	7.29	7.09	7.14
Turkey & Turkey Eggs	7.52	7.62	7.68
Other Livestock	8.62	8.59	7.81
Total Agricultural Services	8.42	8.22	8.33
Soil Preparation Services	8.48	8.29	9.17
Crop Services	8.59	8.62	8.37
Plant Cultivate & Protection	8.89	8.84	8.27
Harvest Primarily by Machine	8.54	8.54	8.21
Preparation Services for Market	7.87	7.79	7.20
Cotton Ginning	9.07	9.31	9.80
Total Farm Labor & Management	8.18	7.75	7.46
Farm Labor Contractors	7.96	7.44	6.98
Farm Management Services	8.40	8.05	7.93

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	20.0	23.0	22.8
Total Agricultural Production/Crops	14.9	16.2	14.6
Cash Grains	1.3	1.5	1.2
Rice	1.2	1.4	0.9
Other Cash Grains	0.1	0.1	0.3
Field Crops Except Grains	0.2	0.3	0.7
Cotton	0.0	0.0	0.0
Other Field Crops	0.2	0.3	0.7
Vegetables and Melons	3.9	3.8	0.8
Total Fruits and Tree Nuts	4.8	6.1	7.7
Berries	0.0	0.0	0.1
Grapes	0.5	0.4	1.7
Tree Nuts	1.8	1.6	2.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	1.7	3.1	2.9
Other Fruits & Nuts	0.8	1.0	0.9
Total Horticultural Specialties	2.7	3.1	2.1
Ornamental Floral & Nursery	2.7	3.1	1.9
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	2.0	1.4	2.1
Agricultural Production/Livestock	1.6	1.5	2.0
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.7	0.6	0.6
Dairy Farms	0.4	0.4	0.7
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.5	0.5	0.6
Total Agricultural Services	3.5	5.3	6.2
Soil Preparation Services	0.0	0.0	0.1
Crop Services	1.0	2.7	2.3
Plant Cultivate & Protection	0.5	0.6	0.4
Harvest Primarily by Machine	0.2	0.3	0.2
Preparation Services for Market	0.3	1.8	1.7
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.5	2.6	3.8
Farm Labor Contractors	2.5	2.2	3.4
Farm Management Services	0.0	0.4	0.4

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Feb 2001	Jan 2001	Feb 2000
Total Agriculture	8.21	8.11	8.08
Total Agricultural Production/Crops	8.03	7.93	7.93
Cash Grains	8.23	8.15	8.57
Rice	8.37	8.26	8.52
Other Cash Grains	8.09	8.03	8.61
Field Crops Except Grains	8.22	7.81	8.17
Cotton	na	na	na
Other Field Crops	8.22	7.81	8.17
Vegetables and Melons	7.84	8.02	7.41
Total Fruits and Tree Nuts	7.75	7.80	7.46
Berries	na	na	7.48
Grapes	7.76	7.91	7.08
Tree Nuts	7.76	7.75	7.84
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.71	7.79	7.32
Other Fruits & Nuts	7.78	7.73	7.60
Total Horticultural Specialties	8.23	8.30	8.02
Ornamental Floral & Nursery	8.23	8.30	8.28
Food Crops Grown Under Cover	na	na	7.75
General Farm Primarily Crop	7.91	7.51	7.93
Agricultural Production/Livestock	8.40	8.22	7.97
Beef Cattle Feed Lots	na	na	7.86
Beef Cattle Except Feed Lots	8.47	8.10	7.92
Dairy Farms	8.67	8.72	8.09
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.07	7.85	8.02
Total Agricultural Services	8.19	8.16	8.34
Soil Preparation Services	na	na	8.79
Crop Services	8.42	8.36	8.47
Plant Cultivate & Protection	8.48	8.58	8.33
Harvest Primarily by Machine	8.51	8.34	8.49
Preparation Services for Market	8.27	8.17	8.58
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.95	7.96	7.77
Farm Labor Contractors	7.65	7.71	7.25
Farm Management Services	8.25	8.21	8.28

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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